

Claim 1

A television (TV) reproducing video and audio signals by receiving a broadcast signal, comprising:

A storing unit for storing proper information of the TV, and contact information of a TV service site server, the proper information including a model name or a model number of the TV and the contact information comprising a URL of the TV service site server;

A network interface unit for facilitating two way communications between the TV service site server and the TV;

A controlling unit for contacting the TV service site server by use of the contact information and transmitting the proper information to the TV service site server in response to a checkup key input by a user, and for controlling display of a service menu received from the TV service site server through the network interface unit in response to contacting the TV service site server, the service menu including a function information menu and an error checkup menu of the TV, wherein

upon the user selecting the function checkup menu from the service menu, the controlling unit controls the display of the function information menu to provide information describing each function of the TV pertaining to the proper information in detail;

upon the user selecting the error checkup menu from the service menu, the controlling unit transmits an error item that occurred in the TV to the TV service site server through the network interface unit and in

response the TV service site server transmits a list of errors pertinent to the proper information to the TV through the network interface unit only when the TV service site server has determined the error item to be non-fatal;

After receiving the list of errors from the TV service site server, upon the controlling unit determining that the error item is in the received list of errors and upon the TV service site server determining that the error item is automatically restorable, the controlling unit receives an error restoring information from the TV service site server based on the error item that occurred in the TV, wherein controlling unit automatically restores the error item that occurred in the TV by setting data or state of the TV pertaining to the error item to a standard state based on the error restoring information; and

Wherein when the TV service site server determines that the error item transmitted by the controlling unit through the network interface unit after the user selected the error checkup menu is a fatal error, the TV service site server requests a repair for the fatal error to a serviceman.

## Claim 2

The TV according to claim 1, wherein upon the controlling unit determining that the error item is not in the list of errors, the controlling unit generates a new item about the error item that occurred in the TV and adds the new item to the list of errors; wherein the TV service site server determines whether the added new

item is automatically restorable, and transmits error restoring information for the new item to the controlling unit through the network information unit when it is determined to be automatically restorable; wherein the controlling unit automatically restores the error item that occurred in the TV by setting data or state of the TV pertaining to the error item to a standards state based on the error restoring information for the new item transmitted by the TV service site server.

Cancel claims 3-6, claim 8.

#### Claim 10

In a television (TV) equipped with a storing unit for storing proper information of the television and contact information of a TV service site, a control method performed by a controlling unit of the TV comprising:

Contacting a TV service site server through a network interface unit of the TV by referencing the contact information and transmitting the proper information to the TV service site when a checkup key is input by the user, the proper information including a model name or a model number of the TV and the contact information comprising a URL of the TV service site server, and the network interface unit facilitating two way communications between the TV service site server and the TV;

receiving from the TV service site server through the network interface unit, a service menu corresponding to the proper information of the TV, the

service menu including an error checkup menu and a function information menu from the TV service site server, the controlling unit controlling the display of the received service menu;

Transmitting selection information according to a selection of the user from the received service menu to the TV service site server, wherein,

upon a user selection of function information menu from the service menu, the TV service site server transmits to the controlling unit of the TV, information describing each function of the TV pertaining to the proper information in detail;

upon a user selection of an error checkup menu from the service menu, the controlling unit transmits an error item that occurred in the TV to the TV service site server through the network interface unit and in response receives a list of errors pertinent to the proper information of the TV from the TV service site server only when the TV service site server has determined the error item to be non-fatal;

after receiving the list of errors from the TV service site server, upon the controlling unit determining that the error item is in the received list of errors and upon TV service site server determining that the error item is automatically restorable, the controlling unit receives an error restoring information for the error item that occurred in the TV from the TV service site server, wherein the controlling unit automatically restores the error item by

setting data or state of the TV pertaining to the error item to a standard state based on the error restoring information; and

Wherein when the TV service site server determines that the error item transmitted by the controlling unit through the network interface unit after the user selected the error checkup menu is a fatal error, the TV service site server requests a repair for the fatal error to a serviceman.

#### Claim 15

The control method of the TV according to claim 10, wherein the error restoring information includes measures for automatically restoring the data or state of a TV function pertaining to the error item that occurred in the TV.

#### Claim 16

The control methods of the TV according to claim 15, further comprising wherein upon the controlling unit determining that the error item is not in the list of errors, the controlling unit generates a new item about the error item that occurred in the TV and adds the new item to the list of errors; wherein the TV service site server determines whether the added new item is automatically restorable, and transmits error restoring information for the new item to the controlling unit through the network information unit when it is determined to be automatically restorable; wherein the controlling unit automatically restores the error item that occurred in the TV by setting data or state of the TV pertaining to the error item

to a standards state based on the error restoring information for the new item transmitted by the TV service site server.

Cancel claim 17

Claim 18

The control method of the TV according to claim 10 wherein the after the controlling unit receives information describing each function of the TV pertaining to the proper information in detail from the TV service site server upon selection of the function checkup menu, the controlling unit displays the received information by outputting a list of functions of the TV on a screen; and the controlling unit further displays details of a function information requested by the user from the list of functions on the screen.

Claim 19 (previous presented).

Cancel claims 24, 26.

Claim 29 previously presented.

Claim 30 – clarification needed from attorney.

Cancel claims 40-41.

Claim 27

A television (TV) reproducing video and audio signals by receiving a broadcast signal, comprising:

A storing unit for storing TV information of the TV, and contact information of a TV service Internet site, the TV information including a model name or a model number of the TV and the contact information comprising a URL of the TV service Internet site;

A network interface unit for facilitating two way communications between the TV service Internet site and the TV;

A controlling unit for contacting the TV service Internet site by use of the contact information and transmitting the TV information to the TV service Internet site in response to a checkup key input by a user, and for controlling display of a service menu received from the TV service Internet site through the network interface unit in response to contacting the TV service Internet site, the service menu including a function information menu and an error checkup menu of the TV, wherein

upon the user selecting the function checkup menu from the service menu, the controlling unit controls the display of the function information menu to provide information describing each function of the TV pertaining to the TV information in detail;

upon the user selecting the error checkup menu from the service menu, the controlling unit transmits an error item that occurred in the TV to the TV service Internet site through the network interface unit and in response the TV service Internet site transmits a list of errors pertinent to the TV information to the TV through the network interface unit only when the TV service Internet site has determined the error item to be non-fatal;

After receiving the list of errors from the TV service Internet site, upon the controlling unit determining that the error item is in the received list of errors and upon the TV service Internet site determining that the error item is automatically restorable, the controlling unit receives an error restoring information from the TV service Internet site based on the error item that occurred in the TV, wherein controlling unit automatically restores the error item that occurred in the TV by setting data or state of the TV pertaining to the error item to a standard state based on the error restoring information; and

Wherein when the TV service Internet site determines that the error item transmitted by the controlling unit through the network interface unit after the user selected the error checkup menu is a fatal error, the TV service Internet site requests a repair for the fatal error to a serviceman.